

SKATER Scope Mount Conversion

All SKATER Scope lens systems delivered by P+S Technik are collimated and adjusted with shims (very thin distance rings from different materials) for the delivered mounts (camera and lens side). To do this mount conversion on your own, you need both mount set collimated for your SKATER Scope. Collimation can be done by P+S Technik.

When changing between the PL-Mounts and B4-Mounts back and forth it is most important to keep the fine adjusted set of shims together with the appropriate mount and to make sure the shims do not get folded or damaged in any other way. Damage or loss of shims will result in maladjustment of the flange focal distance and failure when focusing the lens system.

When changing back from B4- to PL-Mount, use these instructions backwards. The steps to be done for a conversion from PL- or B4-Mount to Panavision-Mount are very similar to those described in this paper.

The PL-mounted SKATER Scope can also be used with the SKATER Scope Nikon F lens side mount (#21718). In this case you only need to follow the steps in chapter "Exchange the lens side mount".

Available Mounts

- # 22577 SKATER Scope PL Mount Set, camera and lens side mount
- # 22576 SKATER Scope B4 Mount Set, camera and lens side mount
- # 22093 SKATER Scope Panavision Mount Set, camera and lens side mount
- # 21718 SKATER Scope Nikon Mount, lens side mount only



Necessary tools for the conversion

- SKATER Scope
- Mount Set (B4 Mount Set in the picture)
- Slotted screwdrivers: size 0 and 2
- Allen keys: size 1,3 and 2

Exchange the camera side Mount



- 1) Remove the 8 slotted screws on the back of the PL Mount.

Exchange the camera side mount



2) Remove the PL Mount.



3) Remove 10 screws with hex screw driver.



4) Remove the adapter ring.



5) Replace with B4 Mount and carefully add delivered shims. Lined up the pin on the mount with the middle of the SKATER Scope logo.



6) Fix with 10 slotted screws.



7) Keep the metal adapter ring, PL Mount, Cap and 8 screws in a safe place until you want to change it back to PL mount version.

Exchange the lens side mount



1) Remove cap.



2) Release slotted adjustment screw at the side of the PL Mount clamp ring.



3) Turn the clamp ring until it comes off the mount.



4) Remove 6 hex screws.



5) Carefully remove the metal mount ring.



6) Remove 6 hex screws in side the slots.

Exchange the lens side mount



7) Remove the distance ring.



8) Prepare the B4 Mount by releasing the adjustment screw. Remove the clamp ring from the mount.



9) Add the 6 screws to the mount.



10) Carefully place the shims on the screw ends at the back side of the mount. Make sure the shims do not get squeezed or folded when adding the mount to the SKATER Scope.



11) Fix 6 hex screws to hold the B4 mount in place.



12) Screw the B4 clamp ring onto the mount and fix it with the one screw.